



NOTICE OF REVIEW

APDES Proposed Final Permit

Alaska Department of Environmental Conservation (DEC)
Wastewater Discharge Authorization Program
555 Cordova Street
Anchorage, Alaska 99501

NOTICE OF APPLICANT REVIEW OF AN ALASKA POLLUTANT DISCHARGE ELIMINATION SYSTEM (APDES) PROPOSED FINAL INDIVIDUAL PERMIT TO DISCHARGE TO WATERS OF THE UNITED STATES

Following the close of a 30-day public notice and review period, DEC has prepared a proposed final APDES individual permit AK0053694 (permit). Prior to making the final decision to issue the permit, DEC invites you to view the proposed final permit and associated documents. You can access the proposed final permit and associated documents at the DEC WDAP website (<http://dec.alaska.gov/water/wastewater/>) under the Notice of Review section.

Proposed Final Permit Review:

Start Date: June 20, 2019

End Date: June 24, 2019 5:00 pm Alaska Daylight Time

Permit: AK0053694 - ExxonMobil Alaska Production, Inc., Point Thomson Qiruk Camp

Proposed Permit Coverage:

The proposed permit is a reissuance and will expire five years from the effective date.

Located on the North Slope of Alaska and operated by ExxonMobil Alaska, Production, Inc. (EMAP), the operations at the Point Thomson Unit include the production and recovery of natural gas and liquid condensate from the Thomson Sand reservoir, the re-injection of residual gas back into the reservoir and transporting the condensate to the Trans Alaska Pipeline System.

At the southeast corner of the PTU is the Point Thomson Operations Camp (PTOC or Qiruk Camp), formerly known as Construction Camp #2. The Qiruk Camp includes housing, operation facilities and drinking water and wastewater treatment facilities to support the camp's population. The reissuance of the Permit will provide continued coverage for the following wastewater discharge from the PTOC to Lion Bay:

- Outfall 004_{AB}: A comingled discharge that is comprised of treated effluent from the wastewater treatment plant (WWTP) and reject water from the water treatment plant (WTP). The WWTP provides secondary biological treatment utilizing a series of ultrafiltration membranes and disinfection. Pollutant parameters include total suspended

solids (TSS), bacteria and metals. The WTP treats raw fresh water hauled from lake C-1, utilizing a nanofiltration (NF) system and disinfection. The effluent is comprised of reject water from the NF process. Pollutant parameters include TSS and copper.

- The combined discharge of 004A (WWTP) and 004B (WTP) includes the authorization of an acute mixing zone of a dilution factor of 31 for copper and zinc and a chronic mixing zone with a dilution factor of 51.5 for copper, zinc, manganese, temperature and dissolved oxygen. Copper is the driving parameter for both zones.

Determination:

DEC proposes to issue the above listed permit.

DEC Contact:

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Public Comments:

Comments from the general public were accepted during the Public Notice period from May 10, 2019 through June 11, 2019 and will not be accepted during this review period.

Deadline for Written Applicant Review Comments:

The applicant has provided written notice authorizing a shortened review period per 18 AAC 83.120(m). The deadline for proposed final permit review comments by the applicant is:

June 24, 2019, 5:00 pm Alaska Daylight Time.

Administrative Record:

The APDES Proposed Final Permit, Fact Sheet and associated documents are available for public review at the DEC offices located in Anchorage, Fairbanks, Juneau, Wasilla, and Soldotna. Please contact the office of your choice to arrange for hard copies of the documents to be available for your review.

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If you would like further information or to see any additional supporting technical documents, contact the permit writer at the address shown on page 1.

The documents are also accessible from the DEC website at <http://dec.alaska.gov/water/wastewater/> under the Notice of Review section.

To receive email notifications about the APDES Program, including when permits are available to review, follow the link below to join the APDES email list.

http://dec.alaska.gov/water/npdes/npdes_email_list.htm

Disability Reasonable Accommodation Notice

The State of Alaska, DEC complies with Title II of the Americans with Disabilities Act of 1990. If you are a person with a disability who may need a special accommodation in order to participate in this public process, please contact Theresa Zimmerman at (907) 465-6171 or TDD Relay Service 1-800-770-8973/TTY or dial 711 within 2-days of publication of this notice to ensure that any necessary accommodations can be provided.